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Total Number of Pages in This Submission

6

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|------------------------|------------------|
| Application Number | 10/543,162 |
| Filing Date | July 21, 2005 |
| First Named Inventor | Motohide Matsui |
| Art Unit | 1751 |
| Examiner Name | Not yet assigned |
| Attorney Docket Number | SHX 354 |

ENCLOSURES (Check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Request for Correction of Filing Receipt, copies of Filing Receipt and Declaration, first page of patent application, return receipt postcard. |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------|--------------------------|----------|--------|
| Firm Name | Kolisch Hartwell, P.C. | | |
| Signature | <i>Anton E. Skaugset</i> | | |
| Printed name | Anton E. Skaugset | | |
| Date | July 6, 2006 | Reg. No. | 38,617 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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| Signature | <i>Suzanne Lukas-Werner</i> | | |
| Typed or printed name | Suzanne Lukas-Werner | Date | July 6, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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In re Application of

Date: July 6, 2006

MOTOHIDE MATSUI, MASATO MURAKAMI

Serial No. : 10/543,162

Our Ref.: SHX 354

Filed : July 21, 2005

Art Unit: 1751

For : METHOD FOR PRODUCING OXIDE SUPERCONDUCTOR,
OXIDE SUPERCONDUCTOR AND SUBSTRATE MATERIAL FOR
SUPPORTING PRECURSOR OF THE SAME

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

REQUEST FOR CORRECTION OF FILING RECEIPT

Applicants are returning herewith for correction a copy of the official Filing Receipt in the above-identified patent application. The filing receipt incorrectly lists the title of the invention as PROCESS FOR PRODUCING OXIDE SUPERCONDUCTOR, OXIDE SUPERCONDUCTOR AND SUBSTRATE SUPPORTING PRECURSOR THEREOF. The correct title of the invention is METHOD FOR PRODUCING OXIDE SUPERCONDUCTOR, OXIDE SUPERCONDUCTOR AND SUBSTRATE MATERIAL FOR SUPPORTING PRECURSOR OF THE SAME

Copies of the Declaration and first page of the English specification referencing the correct title is attached.

Accordingly, applicants respectfully request that the official Filing Receipt be corrected and a new Filing Receipt be forwarded to the undersigned.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1540.

CERTIFICATE OF MAILING

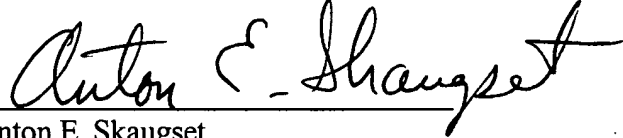
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Suzanne Lukas-Werner

Respectfully submitted,

KOLISCH HARTWELL, P.C.



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| APPL NO. | FILING OR 371 (c) DATE | ART UNIT | FIL FEE RECD | ATTY. DOCKET NO | DRAWINGS | TOT CLMS | IND CLMS |
|------------|---------------------------|----------|--------------|-----------------|----------|----------|----------|
| 10/543,162 | 07/21/2005 | 1751 | 1460 | SHX 354 | 4 | 16 | 3 |

CONFIRMATION NO. 7894

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KOLISCH HARTWELL, P.C.
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FILING RECEIPT



OC000000018014855

AES
SHX354

Date Mailed: 02/23/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Motohide Matsui, Nagareyama-shi, JAPAN;
Masato Murakami, Tokyo, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 23581.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/00557 01/22/2004

Foreign Applications

JAPAN 2003-015208 01/23/2003

Projected Publication Date: 06/01/2006

Non-Publication Request: No

Early Publication Request: No

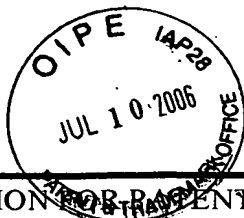
Title

Process for producing oxide superconductor, oxide superconductor and substrate supporting precursor thereof

of the same?

material for?

DOCKETED
By AL Date 2/21/06



DECLARATION FOR PATENT APPLICATION (Foreign Agent involved)

Docket Number _____

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHOD FOR PRODUCING OXIDE SUPERCONDUCTOR, OXIDE SUPERCONDUCTOR, the specification of which:

AND SUBSTRATE MATERIAL FOR SUPPORTING PRECURSOR OF THE SAME

☐ is attached hereto

AND/OR

☒ was filed on January/22/2004 as United States Application Number or PCT International Application Number PCT/JP2004/000557 and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and also have identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application

Priority Not Claimed ☐P2003-015208Japan23/January/2003

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefits under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from Shiga International Patent Office as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith. J. Pierre Kolisch, Reg. No. 15,802; John M. McCormack, Reg. No. 26,948; Peter E. Heuser, Reg. No. 27,902; David P. Cooper, Reg. No. 33,372; Pierre C. Van Rysselberghe, Reg. No. 33,557; Walter W. Karnstein, Reg. No. 35,565; Charles H. DeVoe, Reg. No. 37,305; David S. D'Ascenzo, Reg. No. 39,952; James R. Abney, Reg. No. 42,253; Owen W. Dukelow, Reg. No. 41,002; Mark D. Alleman, Reg. No. 42,257; M. Matthews Hall, Reg. No. 43,653; Christopher S. Tuttle, Reg. No. 41,357; B. Anna McCoy, Reg. No. 46,077; Ellen M. Gonzales, Reg. No. 44,128; Jason C. Creasman, Reg. No. 51,587; Edward B. Anderson, Reg. No. 30,154; John D. Russell, Reg. No. 47,048; Peter D. Sabido, Reg. No. 50,353; Douglas W. McArthur, Reg. No. 50,795; Stanley M. Hollenberg, Reg. No. 47,658; and Anton E. Skaugset, Reg. No. 38,617. Address all telephone calls to Charles H. DeVoe at telephone number (503) 224-6655. Address all correspondence to Charles H. DeVoe at Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, Oregon 97204.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name) Motohide MATSUI *Motohide Matsui*Inventor's signature _____ Date July 15, 2005Residence Nagareyama-shi, Japan Citizenship JapanPost Office Address c/o Railway Technical Research Institute, 8-38, Hikari-cho 2-chome, Kokubunji-shi, Tokyo, JapanFull name of second inventor (given name, family name) Masato MURAKAMI *Masato M. Murakami*Inventor's signature _____ Date July 15, 2005Residence Tokyo, Japan Citizenship JapanPost Office Address c/o International Superconductivity Technology Center, the Juridical Foundation, Superconductivity Research Laboratory, 14-3, Shinonome 1-chome, Koto-ku, Tokyo, Japan☐ Additional inventors are being named on separately numbered sheets attached hereto.



DESCRIPTION

METHOD FOR PRODUCING OXIDE SUPERCONDUCTOR, OXIDE SUPERCONDUCTOR AND SUBSTRATE MATERIAL FOR SUPPORTING PRECURSOR OF THE SAME

TECHNICAL FIELD

The present invention relates to a method for producing an oxide superconductor, an oxide superconductor and a substrate material for supporting the precursor thereof. Furthermore, the present application is claimed on Japanese Patent Application No. 2003-15208, the content of which is incorporated herein by reference.

BACKGROUND ART

When a large, bulk-shaped oxide superconductor having a diameter of several tens of millimeters or more is solidified by slow-cooling from a partially molten state to promote crystal growth, for example, methods like that described below are generally employed. One example thereof is that a bulk-shaped precursor of an oxide superconductor is formed, and then it is supported by a rod-shaped material, a substrate or a sheet-shaped material which is placed below the precursor and is composed of a heat-resistant material such as Al_2O_3 , YSZ